

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

Brewster
7 1/2
Carmel 15' quad
15X-4.7S-6.8E

P197

See P825

7.25	
0.6 E.	

1. Location: State N. Y. County Putnam
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; _____ 1/4 sec. _____ T. _____ R. _____
If in city, give street and number: Carmel 15' quad
formerly Baden & Sons (Henry Arenstein) Town of Southeast Locate well on plat of section.
2. Owner: Castings Corp Address Duane St., N. Y.
Driller: Beal & Sons Address Brewster, N. Y.
3. Situation: Is well on upland, in valley, or on hillside? valley
4. Elevation of top of well: 455 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used Core drill
Beal - 139 (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 130 ft.; year in which well was finished 1915-1919
150' - Spence Coleman Does well enter rock? yes; if so, at what depth? 12 (approx); kind of rock? granite
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: rock - near bottom
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed _____ ft.; thickness of bed _____ ft.
If other water supplies were found, give depth to each _____
9. Casings: Kind steel; size 6"; length 15 ft.; between depths of 0 and 15 ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
Packers (if any): Depth at which packers were used none; kind _____
Screen or Strainer: Was well finished with screen? no; kind of screen _____
length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well 7-8 ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump gould (see Beal) SW (suction)
size or capacity of pump less 20 gpm; kind of power electric New installation July 31, 1953
12. Yield: Natural flow at present (if any) about 20 gpm - Spence Coleman gallons per minute; original flow _____ gallons per minute;
well has been pumped at 6 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well 300 gallons per day. est
13. Use: For what purpose is the water used? domestic - drinking for about 20 men
14. Quality of the water: C + Industrial 2,200 gpd; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank J. P. from K. Jennings; foreman?
Date 8-28-50 Address & Beal from Spence Coleman 8-28-50

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

& Beal's records 7/31/54 & Beal's records 1-2-51

Spencer Coleman's LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Muck - no boulders	0	12	12	Cobbles present
Rock	12	150⁺	138⁺	
Rock	12	139	127	
<p>Visited Castings Corp. 2/22/54 - JRG. Only one well here in spite of the following figures Depth 215; date, July 31, 1953; casing 100 feet; yield 6 gpm; water level 57 ft. This data (above) copied from Beal's office on 2/18/54. [A. Smith on installation]</p> <p>Consumption - water used for compressor - overflow from compressor measured at 2 gpm = 120 gp hour. Used about 15 hours so total is about 1,800 gp day. Water also used for wetting down sand at night about 200 gals. also about 200 gallons water required to fill a tank after which this water is used to test castings. Grand total for industrial use is therefore = 2,200 gp day ← JRG info from Cliff Flandreau employee.</p>				